

Patent Abstracts of Japan

PUBLICATION NUMBER : 57085714
PUBLICATION DATE : 28-05-82

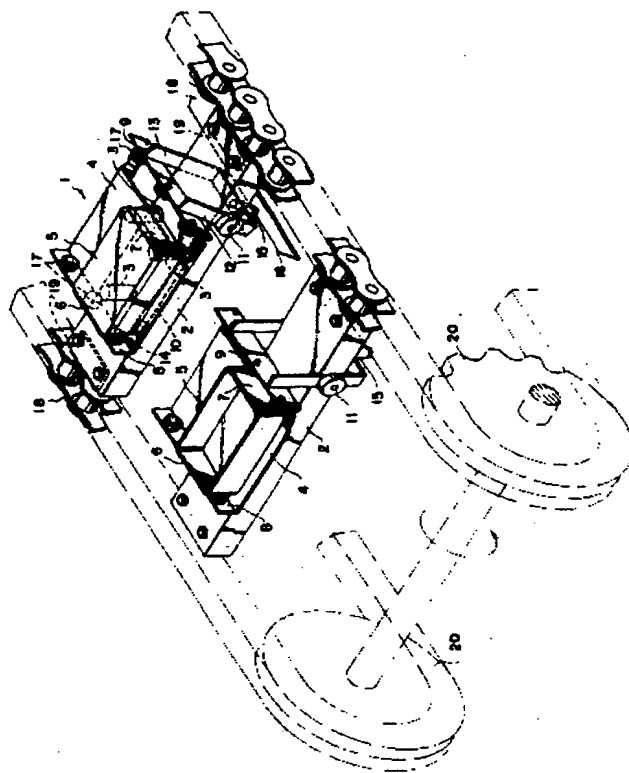
APPLICATION DATE : 14-11-80
APPLICATION NUMBER : 55160162

APPLICANT : HIRASAWA MANABU;

INVENTOR : HIRASAWA MANABU;

INT.CL. : B65G 17/46 B65F 5/00

TITLE : CONVEYOR WITH LUNCH BOX
HOLDING MECHANISM



ABSTRACT : PURPOSE: To remove leftover food out of empty lunch boxes while moving them in upside-down posture, by providing lunch box support members on support plates on chains.

CONSTITUTION: A support plate 4 with a vertical side wall 8 is provided on a base plate 2 secured between a pair of chains 18. A side wall 9 is provided on supports 12, 13 rotatably supported by a shaft 11. A lunch box 5 is supported between the side walls 8, 9. The side wall 9 is energized by a spring 10 so that the lunch box 5 is securely held throughout its movement in upside-down posture even if water is ejected on the lunch box or an impact is applied thereto.

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